

CHRISTIE Mirage S+14K

Brightest, Highest Resolution 3D Projector Available

Uses

Entertainment
Theme parks
Large venues
Automotive
Oil & gas exploration
Scientific research
Aerospace
Manufacturing
Museums and education
Architecture

With the Christie Mirage S+14K, Christie offers the widest brightness range of any active stereo projectors on the market. A stunning 14000 lumens, SXGA+ resolution and 1500-1800:1 contrast ratio deliver brilliantly crisp images from a rugged, powerful package. With increased processing power and built-in edge-blending and optional warping – your 3D displays create impact.

Next generation 3-chip DLP™ technology high-quality optics and 10-bit image processing designed in a compact package, the Mirage S+14K offers high-bandwidth signal processing, higher stereo sync, internal scaling of stereo signals, Picture in Picture and seamless switching between sources – enabling large format and tradeshow active stereo presentations.

On-board ChristieNET™ connectivity and a full suite of SXGA+ lenses give you ultimate control over your image.

Christie Mirage – recreate reality!



Christie Mirage S+14K

Specifications



Designed with built-in handles, an optimized airflow design and multiple rigging points, the Christie Mirage S+14K is easy to install, easy to use and easy to maintain.

IMAGE

- 14,000 ANSI lumens (+/- 10%)
- 90% brightness uniformity
- Contrast: 450-600:1 ANSI, 1500-1800:1 full field (adjustable internal aperture)

DISPLAY TECHNOLOGY AND RESOLUTION

- 3D 3-chip 0.95" Darkchip2™ DMD
- True SXGA+ 1400 x 1050 resolution

INPUT SIGNAL COMPATIBILITY

- VGA to QXGA (2048 x 1536)
- Accepts all current HDTV/DTV formats
- Multi-standard video decoder
- Horizontal and vertical scaling, all inputs

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

LENS MOUNT

- Motorized horizontal and vertical offset
- Tool-free lens insertion system
- Scheimpflug (tilt) adjustment
- Built-in light shutter
- Internal electromechanical iris

LAMP

- 2.4kW Xenon Bubble lamp
- 1250 hours (typical) lifetime

LIGHT OUTPUT CONTROL (LITELOCT™)

- "Auto Brightness" (Intensity), "Lamp Conserve" (Power), "Max Brightness" modes

POWER REQUIREMENTS

- 200 VAC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 4000W maximum
- Thermal dissipation: 13,648 BTU/hr
- Operating current: 20A @ 200V



Built-in LCD text display shows status and error messages. The graphic user interface enables full and easy control of the projector.



Built-in stacking points make rigging and aligning the Christie Mirage S+14K simple.

PIXEL CLOCK

- 220 MHz
- 115 Hz refresh rate at SXGA+ resolution
- 120 Hz refresh rate at SXGA resolution

INPUTS, CONTROL & NETWORKING

- RGBHV/YPbPr: 5 BNC
- DVI-I: digital/analog RGB/YPbPr (HDCP)
- One Composite video, one S-Video
- Two option slots – analog/digital modules
- 2 RS-232 ports and 1 RS-422 port
- On-board ChristieNET™ connectivity (RJ45)
- Built-in backlit keypad and IR remote control

ADVANCED FEATURE SET

- Stereo Sync Harness
- Built-in edge-blending
- Comprehensive Color Adjustment (CCA™)
- Dark Interval Adjustment (DIA™)
- Minimum Delay Feature
- Picture in Picture
- Seamless switching
- Auto set-up, power-up feature
- Menus in five languages
- On-screen help
- 50 channel memories

DIMENSIONS

- (excludes lens, feet, stacking points)
- Weight: 140 lb (63.6 kg)
- Shipping weight: 160 lb (72.7 kg)
- Size: 24.5" W x 32.1" L x 15.1" H (631.4mm W x 814.8mm L x 384mm H)

STANDARD ACCESSORIES

- IR keypad (w/batteries)
- Line cord
- Stereo Sync Harness
- User manual

OPTIONAL ACCESSORIES

- Fixed Lenses: 0.73:1, 1.2:1
- Zoom Lenses: 1.45-1.8:1, 1.8-2.5:1, 2.5-4.5:1, 4.5-7.3:1
- Manual "Legacy" lens mount
- ChristieTWIST™ Image Warping and Edge-Blending module
- Dual SD/HD-SDI, DVI and legacy interface modules
- Wired remote control and RS-422 Two Way Controller
- Remote IR sensor
- Ethernet, RS-232 and RS-422 cables
- Service manual
- KoRET™ 10-bit librarian
- Lens adapter (for competitive lenses)

OPERATING ENVIRONMENTS

- Temp: 40 to 95° F (5 to 35° C)
- Humidity: 20 – 80% non-condensing

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 2 years parts and labor (including light engine)



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